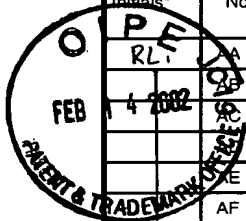


Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(use as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/975,308</td> </tr> <tr> <td>Filing Date</td> <td>October 11, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Friddle</td> </tr> <tr> <td>Group Art Unit</td> <td>1643-1646</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned <i>Y644 Ruixiang Li</i></td> </tr> <tr> <td>Attorney Docket Number</td> <td>LEX-0252-USA</td> </tr> </table>		Application Number	09/975,308	Filing Date	October 11, 2001	First Named Inventor	Friddle	Group Art Unit	1643-1646	Examiner Name	Not Yet Assigned <i>Y644 Ruixiang Li</i>	Attorney Docket Number	LEX-0252-USA
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Sheet	1	of	3												

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	4,190,496		Rubenstein et al	02/26/80	
	AB	4,215,051		Schroeder et al	07/29/80	
	AC	4,376,110		David et al	03/08/83	
	AD	4,594,595		Struckman	06/10/86	
	AE	4,631,211		Houghten	12/23/86	
	AF	4,683,195		Mullis et al	07/28/87	
	AG	4,683,202		Mullis	07/28/87	
	AH	4,689,405		Frank et al	08/25/87	
	AI	4,713,326		Dattagupta et al	12/15/87	
	AJ	4,800,159		Mullis et al	01/24/89	
	AK	4,873,191		Wagner et al	10/10/89	
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	AN	5,252,743		Barrett et al	10/12/93	
	AO	5,272,057		Smulson et al	12/21/93	
	AP	5,283,713		Nagafuji et al	02/01/94	
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	AR	5,424,186		Fodor et al	06/13/95	
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	AT	5,459,127		Felgner et al	10/17/95	
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	AX	5,625,048		Tsien et al	04/29/97	
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	BC	5,777,079		Tsien et al	07/07/98	
	BD	5,795,737		Seed et al	08/18/98	
	BE	5,804,387		Cormack et al	09/08/98	
	BF	5,837,458		Minshull et al	11/17/98	
	BG	5,874,304		Zolotukhin et al	02/23/99	
	BH	5,877,397		Lonberg et al	03/02/99	
	BI	5,948,767		Scheule et al	09/07/99	
	BJ	5,968,750		Zolotukhin et al	10/19/99	
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	BL	6,020,192		Muzyczka et al	02/01/00	
	BM	6,027,881		Pavakis et al	02/22/00	
	BN	6,054,321		Tsien et al	04/25/00	
	BO	6,075,181		Kuchertapati et al	06/13/00	
	BP	6,096,865		Michaels	08/01/00	
	BQ	6,110,490		Thierry	08/29/00	
	BR	6,146,826		Chalfie et al	11/14/00	
	BS	6,150,584		Kuchertapati et al	11/21/00	
	BT	6,172,188		Thastrup et al	01/09/01	
	BU	6,265,548		Pavakis et al	07/24/01	

Examiner Signature	<i>Ruixiang Li</i>	Date Considered	6/30/2002
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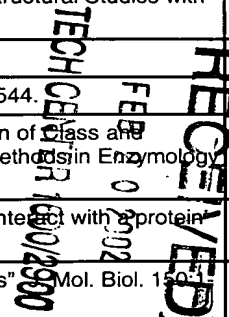
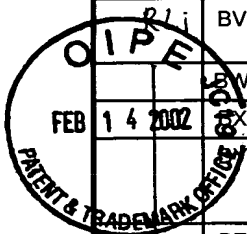


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/975,308	
			Filing Date	October 11, 2001	
			First Named Inventor	Friddle	
			Group Art Unit	1649 1646	
			Examiner Name	Not Yet Assigned Ruixiang Li	
Sheet	2	of	3	Attorney Docket Number	LEX-0252-USA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	BV	Askew et al, 1989, "Molecular Recognition with Convergent Functional Groups, 6. Synthetic and Structural Studies with a Model Receptor for Nucleic Acid Components", J. Am. Chem. Soc. 111:1082-1090.		
	BV	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.		
	BV	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.		
	BV	Butler, 1981, "The Amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates", Methods in Enzymology 73:482-523.		
	BZ	Chien et al, 1991, "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", Proc. Natl. Acad. Sci. USA 88:9578-9582.		
	CA	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", Mol. Biol. 15:103-114.		
	CB	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.		
	CC	Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.		
	CD	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.		
	CE	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.		
	CF	Houghten et al, 1991, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", Nature 354:84-86.		
	CG	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.		
	CH	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.		
	CI	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.		
	CJ	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.		
	CK	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.		
	CL	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.		
	CM	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.		
	CN	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.		
	CO	Lam et al, 1991, "A new type of synthetic peptide library for identifying ligand-binding activity", Nature 354:82-84.		
	CP	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.		
	CQ	Lewis et al, 1989, "Automated site-directed drug design: the formation of molecular templates in primary structure generation", Proc. R. Soc. Lond. B 236:141-162.		
	CR	Lo, 1983, "Transformation by Ionophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.		
	CS	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.		
	CT	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.		
	CU	Luo et al, 1997, "Mammalian two-hybrid system: a complementary approach to the yeast two-hybrid system", Biotechniques 22(2):350-352.		
✓	CV	McKinlay et al, 1989, "Rational Design of Antiviral Agents", Annu. Rev. Pharmacol. Toxicol. 29:111-122.		



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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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	CW	Miyajima et al, 1986, "Expression of murine and human granulocyte-macrophage colony-stimulating factors in <i>S. cerevisiae</i> : mutagenesis of the potential glycosylation sites", The EMBO Journal 5(6):1193-1197.	
	CX	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant regions", Proc. Natl. Acad. Sci. USA 81:6851-6855.	
	CY	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	
	CZ	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-606.	
	DA	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	
	DB	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	
	DC	Platt, K.A. et al, 1994, "Independent Regulation of Adipose Tissue-specificity and Obesity Response of the Adipsin Promoter in Transgenic Mice", The Journal of Biological Chemistry 269(46):28558-28562.	
	DD	Ripka, 1988, "Computers picture the perfect drug", New Scientist 16:54-57.	
	DE	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
	DF	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
	DG	Sarver et al, 1990, "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents", Science 247:1222-1225.	
	DH	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	DI	Songyang et al, 1993, "SH2 Domains Recognize Specific Phosphopeptide Sequences", Cell 72:767-778.	
	DJ	Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	DK	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	DL	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
	DM	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.	
	DN	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.	
	DO	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	
	DP	Voller et al, 1978, "Enzyme immunoassays with special reference to ELISA techniques", J. Clinical Pathology 31:507-520.	
	DQ	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	
	DR	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.	
	DS	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	
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